

Fig. 1 - Prior Art

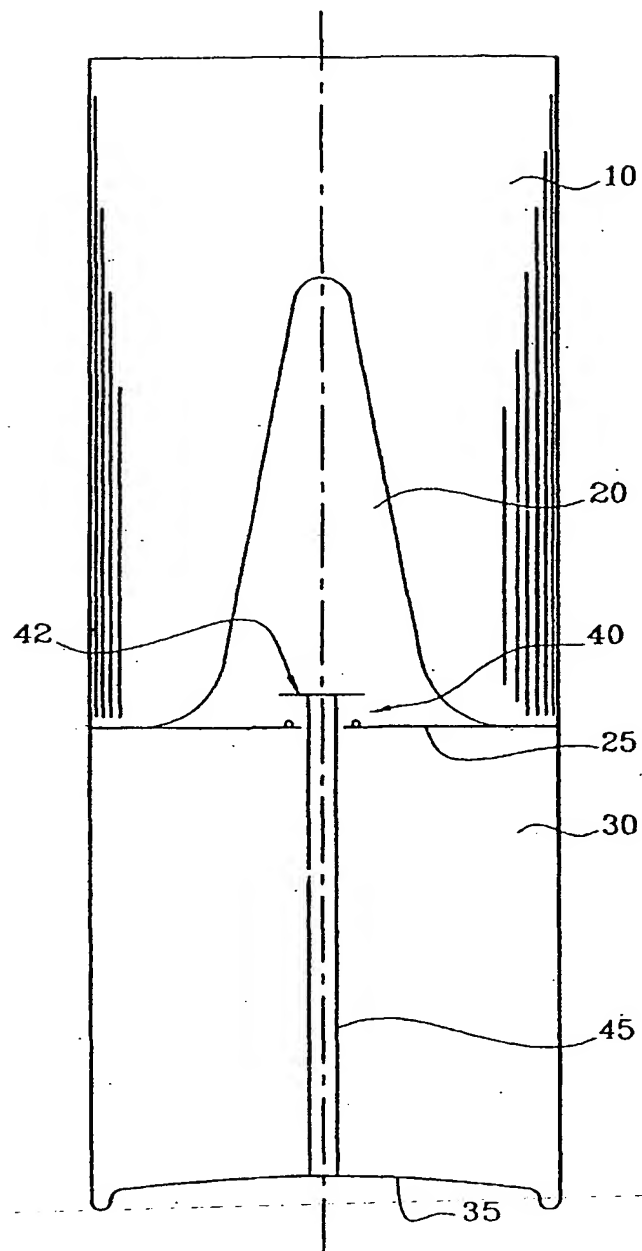


Fig. 2a

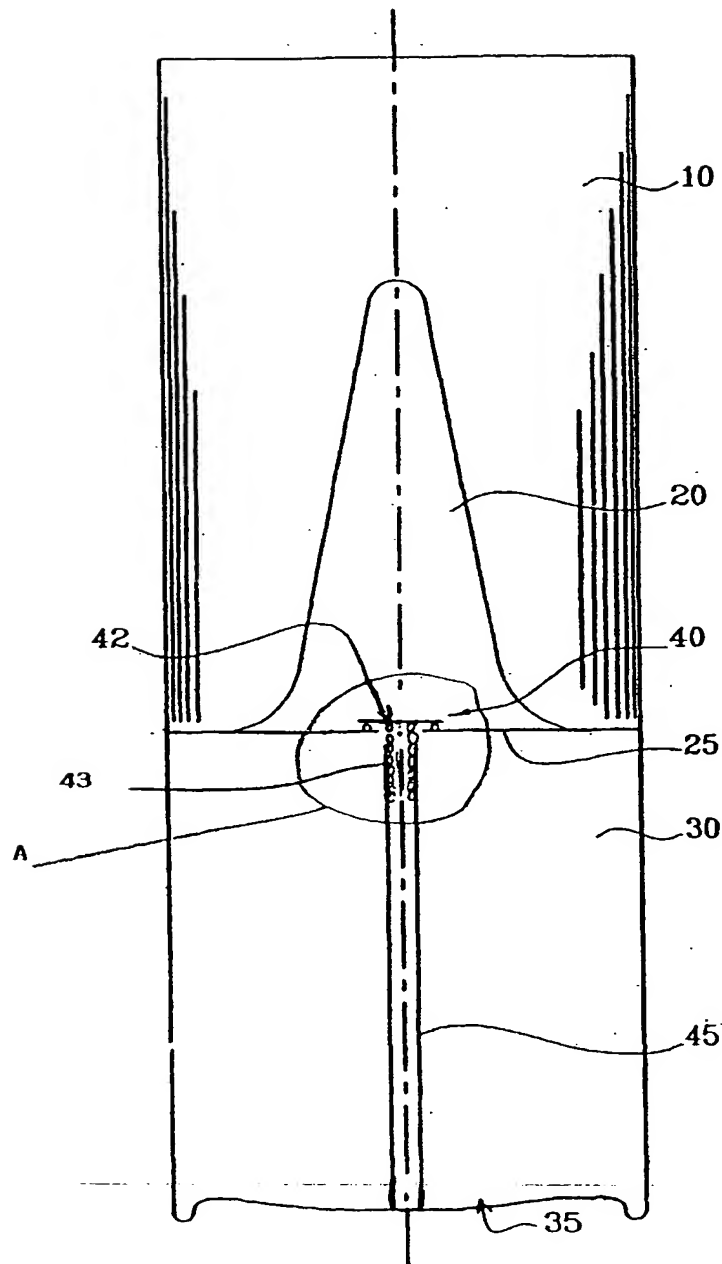


Fig. 2b

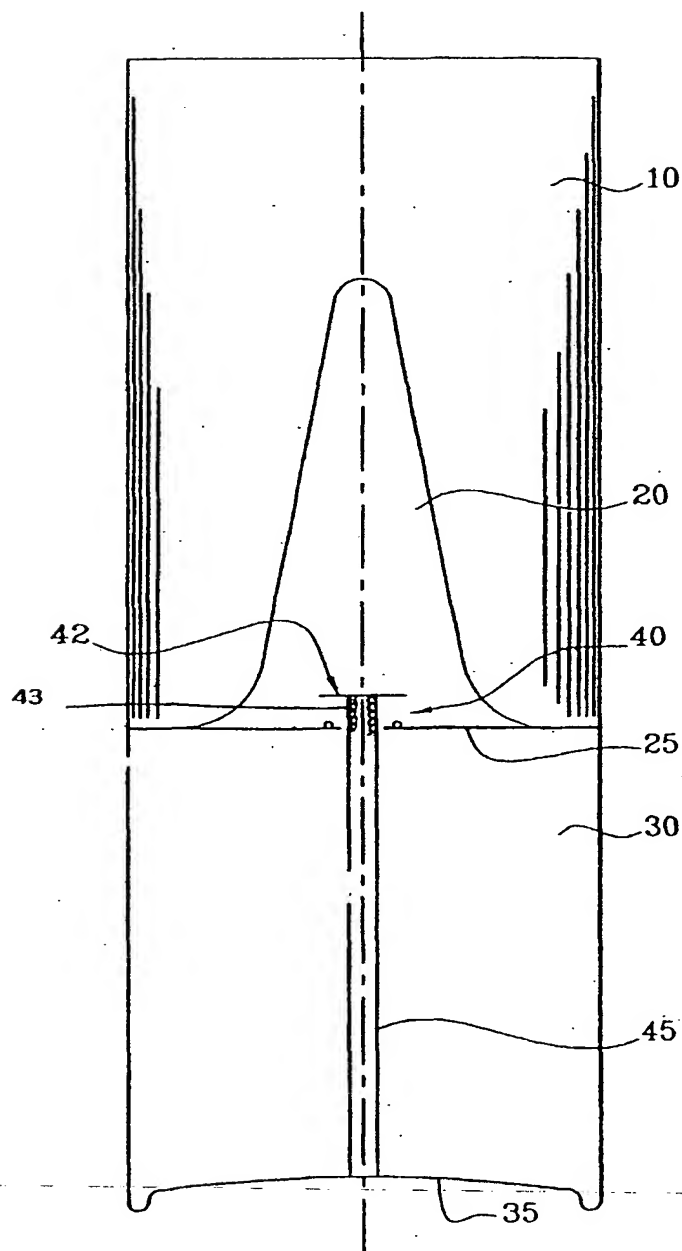


Fig. 2c

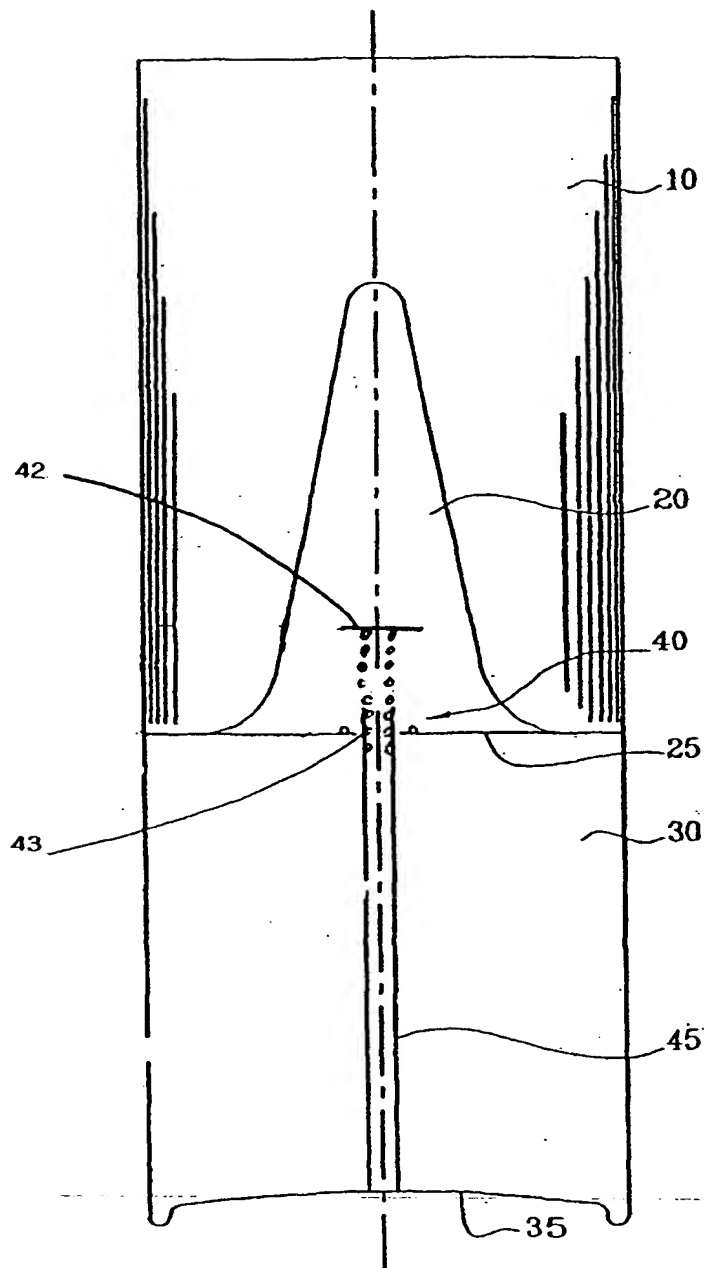


Fig. 3 - View A

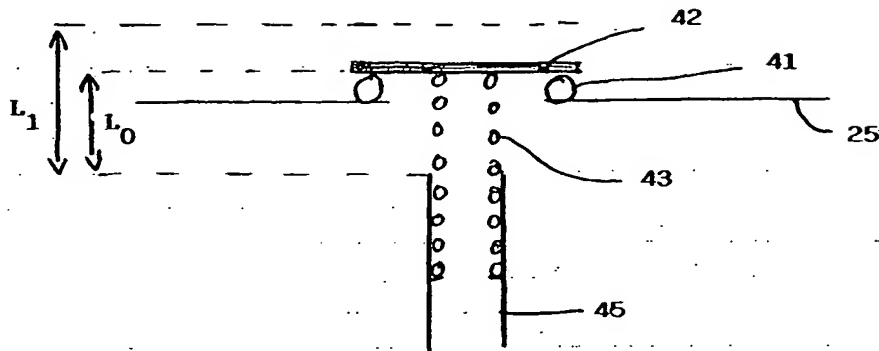


Fig. 4

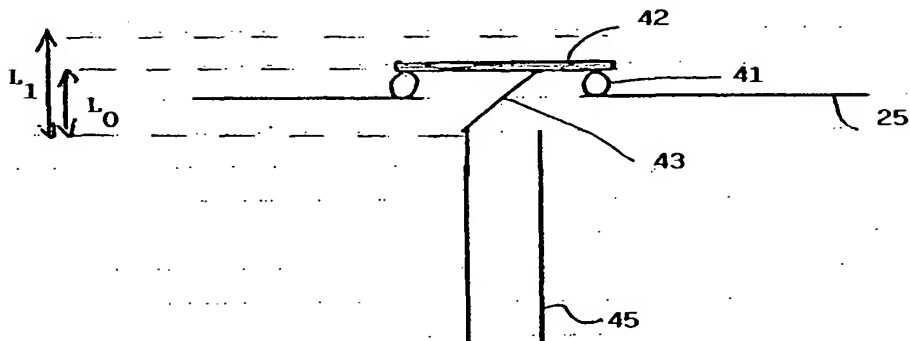


Fig. 5

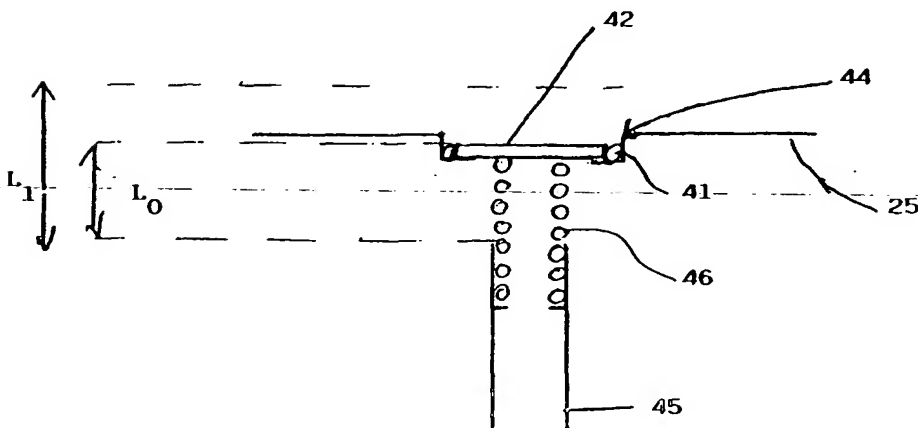


Fig. 6

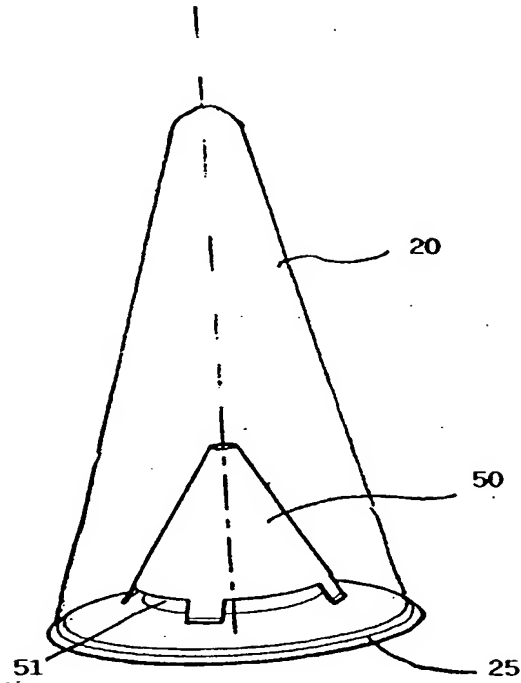
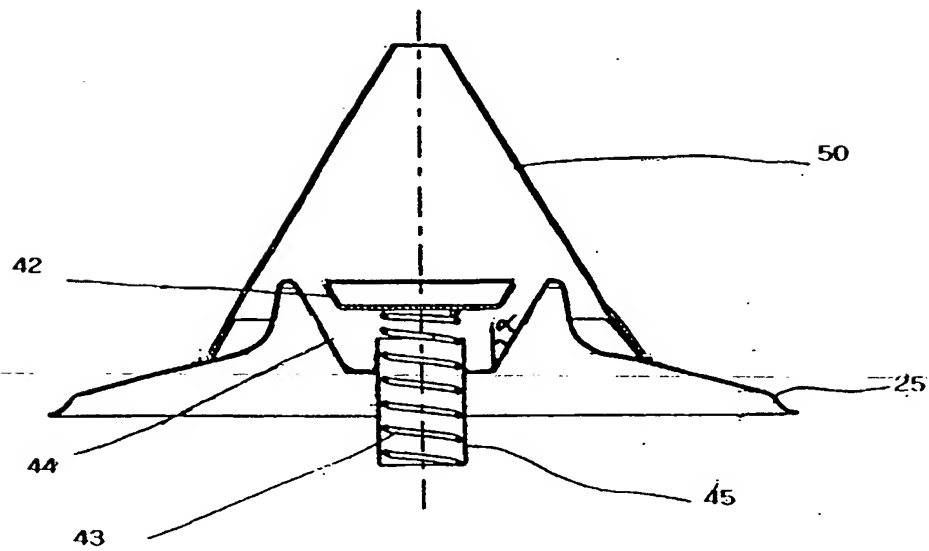
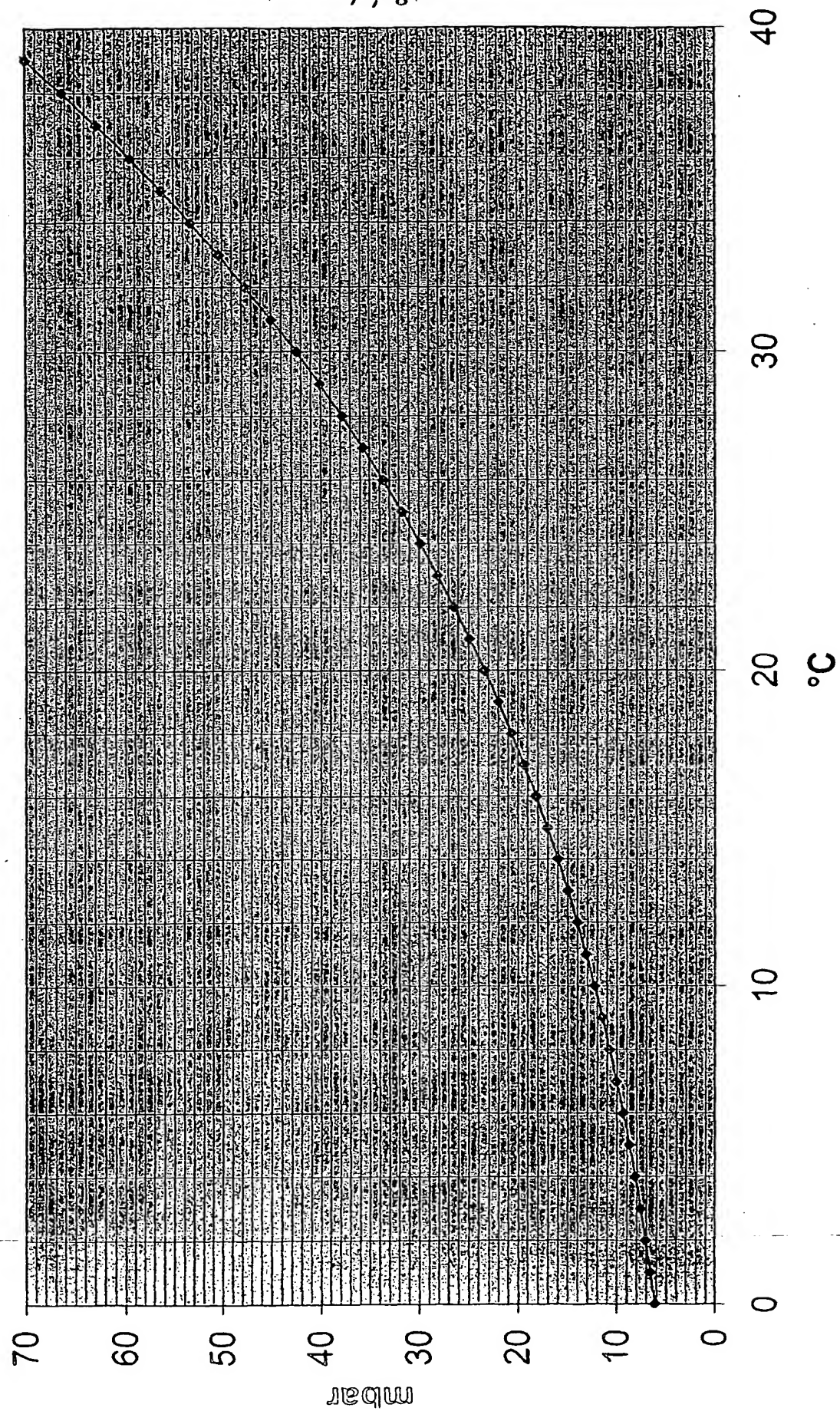


Fig. 7



Water vapor pressure

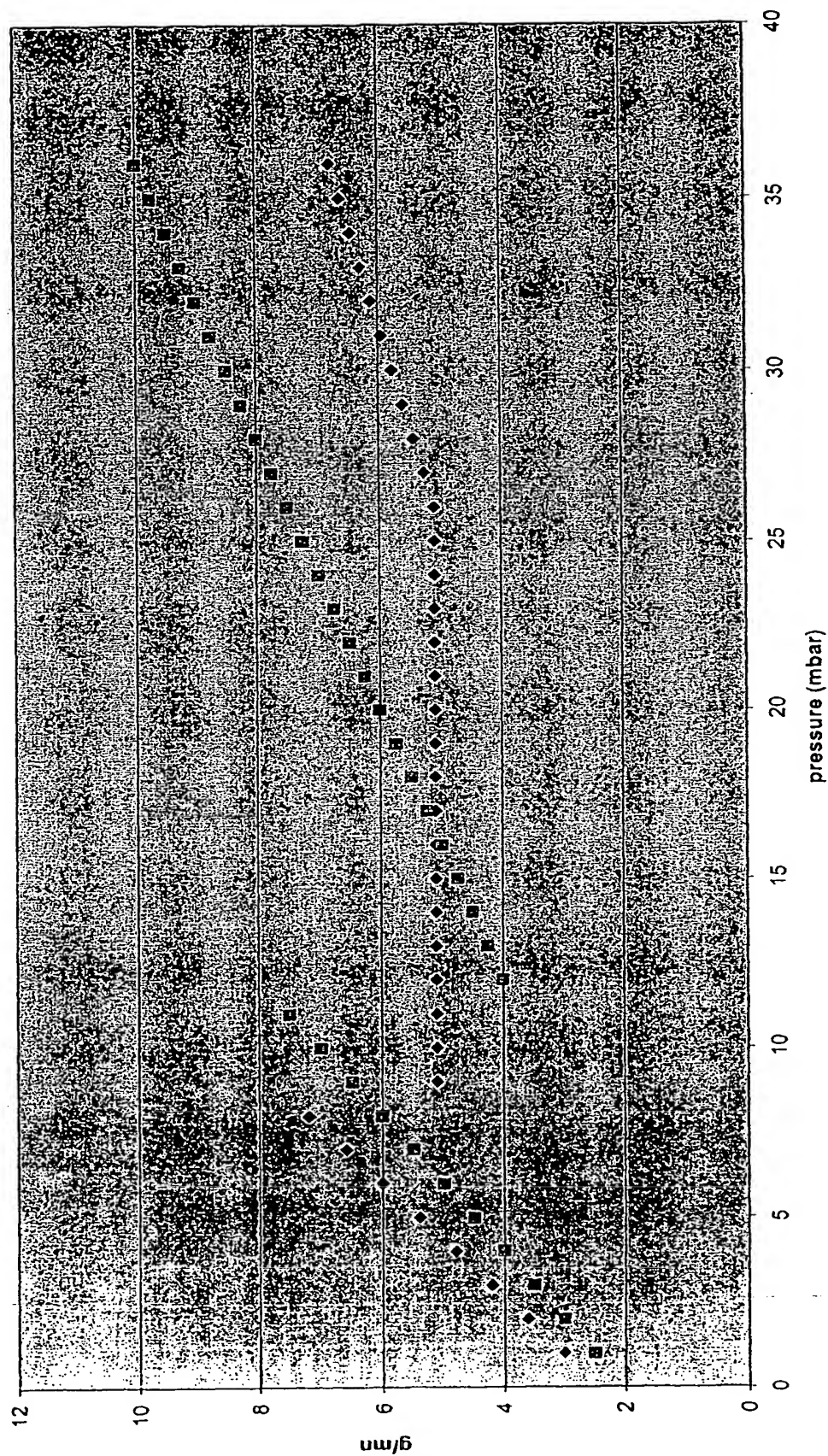
Fig. 8



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Fig. 9

Check valve flow rate



◆ progressive opening ■ two stroke opening

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